

Pregnancy Outcomes

During 1999, 38,748 live births occurred to Kansas residents, representing a birth rate of 14.6 per 1,000 population. There was no change from the 1998 rate. (Table 5)

In 1999, Seward, Finney, and Geary counties had the highest county birth rates of 25.9, 23.7, and 23.7 births per 1,000 population respectively. Junction City, Dodge City, and Garden City had the highest 1999 city birth rates of 26.7, 26.6, and 26.5 births per 1,000 population respectively. (Tables 5 and 6, Figure 11)

Geary, Finney and Seward counties had the highest five-year county birth rates of 24.7, 24.6, and 23.8 births per 1,000 population respectively. (Table 5)

Since 1959, birth rates for Kansas have followed national trends and steadily declined. Kansas birth rates have decreased 41.1 percent during the last 40 years from a rate of 24.8 births per 1,000 population in 1959 to a rate of 14.6 in 1999. In 1999, the Kansas birth rate (14.6) rose above the national rate (14.5) for the first time since 1986. (Table 7, Figure 10)

Kansas fertility rates have followed national trends and indicate a steady decline from 128.7 to 67.4 births per 1,000 female population aged 15-44 in 1959 and 1999 respectively. The increase in the fertility rate from 68.0 in 1989 to 70.1 in 1990 can be explained, in part, by the use of actual census counts for the 1990 female population. The Kansas fertility rate in 1999 (67.4) was 2.4 percent higher than the national rate of 65.8. (Table 7, Figure 12)

Age-specific fertility rates for Kansas during the years 1989-1999 decreased 9.3 percent for the 15-24 age-group. Concurrently, age-specific fertility rates increased 17.1 percent for the 25-34 age-group and 31.6 percent for the 35-44 age-group. (Table 8, Figure 13)

In 1999, 39.9 percent of all Kansas live births occurred to women in the 15-24 age-group, 48.8 percent of live births occurred to women in the 25-34 age-group and 11.1 percent occurred to women in the 35-44 age-group. For comparison, in 1999, 24.9 percent of all Kansas live births had fathers in the 15-24 age-group, 53.6 percent had fathers in the 25-34 age-group, and 19.6 percent had fathers in the 35-44 age group. (Tables 9 and 10)

Of the births to mothers 10-19 years of age, where the age of the father is known, just over one-third (35.8 percent) of fathers were 10-19 while nearly two-thirds (64.2 percent) of fathers were 20 and over. (Table 9)

Over eight percent (8.5) of live births in 1999 were preterm (less than 37 completed weeks of gestation) while 92 percent (91.5) occurred at 37 or more weeks of gestation. (Table 11)

Pregnancy Outcomes (Cont.)

In 1999, 85.8 percent of all Kansas resident births were to mothers who received prenatal care that began in the first trimester (first 3 months) of pregnancy, 11.3 percent began in the second trimester, and 2.2 percent began in the third trimester. Nearly 1 percent (0.7) received no prenatal care. (Table 12)

Of the 38,748 Kansas resident live births in 1999, 80.3 percent received adequate or better prenatal care, including 25.3 percent with adequate-plus care; 19.7 percent received less than adequate prenatal care, including 9.2 percent with inadequate care. (Table 13)

Lincoln county had the highest percentage of mothers with adequate or better prenatal care (94.3 percent) followed by Doniphan (92.6 percent) and Johnson counties (92.1 percent). Ford county had the lowest percentage of adequate or better prenatal care (53.2 percent), followed by Seward (55.6 percent) and Meade counties (57.8 percent). (Table 13)

In 1999, 81.1 percent of Kansas live births both occurred to women 15-34 years of age and weighed between 2,500-4,499 grams. (Table 15)

Birth weights for Kansas live births in 1999 were distributed as follows: 7.1 percent of live births weighed under 2,500 grams (low birth weight), 91.2 percent weighed 2,500-4,499 grams (normal birth weight), and 1.7 percent weighed over 4,499 grams (heavy birth weight). (Tables 14 and 15)

In 1999, 38.2 percent of Kansas live births were first births. Of the 14,810 first births, 58.0 percent occurred to women in the 15-24 age-group. (Table 16, Figure 14)

In 1999, 89.2 percent of Kansas live births were to white mothers, 7.3 percent were to black mothers, and 3.5 percent were to mothers of other races. Furthermore, 51.9 percent of Kansas live births were male and 48.1 percent were female. (Table 17)

In 1999, there were 11,068 out-of-wedlock births to Kansas residents. Of those births, 72.2 percent occurred to women in the 15-24 age-group. For comparison, in 1989, 71.5 percent of the 7,624 out-of-wedlock births occurred to women in this age group. (Table 18)

The out-of-wedlock birth ratio has continued an upward trend over the years in both Kansas and the U.S. Out-of-wedlock births comprised 28.6 percent of all live births that occurred to Kansas residents in 1999, a 45.2 percent increase from 19.7 percent of live births in 1989. The out-of-wedlock birth ratio in 1999 was 13.3 percent lower than the U.S. proportion (33.0 percent) of births to unmarried women. (Table 1, Figure 15)

The pregnancy rate for females ages 10-19 decreased 4.5 percent from 33.4 pregnancies per 1,000 in 1989 to 31.9 in 1999. Teen pregnancy rates for females ages 10-17 decreased 12.1 percent during this same time frame. (Table 19, Figure 16)

In 1999, 87.3 percent of non-teen mothers of live births received prenatal care in the first trimester of pregnancy, while only 71.8 percent of teen mothers received prenatal care in the first trimester. The percent of teens who received no prenatal care (1.3) was higher than that for non-teens (0.6). (Figure 17)

Pregnancy Outcomes (Cont.)

Of the births to teenage women in 1999, 83.0 percent were to whites and 14.4 percent were to blacks. For comparison, in 1989, 79.2 percent of births to teenage women were to whites and 18.3 percent were to blacks. (Figure 18)

In 1999, the abortion ratio for Kansas residents was 165.6 abortions per 1,000 live births, an increase of 2.7 percent from the 161.3 ratio in 1991. Ratios increased from 1991 to a high of 186.3 in 1996, then declined for the next three years. (Figure 19, Table 22)

The abortion ratio for Kansas residents in 1999 varied substantially by age-group. The ratio per 1,000 live births was highest for adolescents-women under 20 years of age. Since 1980, the abortion ratio declined for women in age groups under 20 and above 29. (Figure 20)

In 1999, 6,416 abortions reported were performed for Kansas residents and 6,029 were performed for non-Kansans. Of the 6,416 resident abortions, 50 occurred out of state. (Figure 22, Tables 22 and 24)

Of Kansas residents having abortions, 56.0 percent were in the 15-24 age-group, 79.9 percent were unmarried and 77.4 percent were white. (Figure 22, Table 23)

In 1999, 59.9 percent of all reported abortions occurred prior to nine completed weeks of gestational age. Over fourteen (14.7) percent of teenage women obtained an abortion after 16 weeks gestation, compared to 7.6 percent of women 20 and older. (Table 24, Figure 23)

Eighty percent of all reported abortions in 1999 were to unmarried women. Among black women, 87.6 percent were unmarried, while 79.3 percent of white women and 73.5 percent of Hispanic women were unmarried. (Table 25)

Eighty-four percent (84.1) of all reported abortions were performed prior to the 13th week of gestation. Suction curettage was the procedure used in 97.2 percent of these terminations. Only 9.2 percent of induced terminations were performed after 16 weeks gestation, and 50.4 percent of these used dilation and evacuation. (Table 27)

The percentage of women who obtained an abortion early in pregnancy (less than 9 weeks of gestation) increased with age, and the percentage who obtained an abortion late in pregnancy (greater than 21 weeks of gestation) decreased with age for women up to 20-24 years of age and remained stable in older age-groups. (Figure 24)

Table 5
Live Births By Number And Rate*
By County Of Residence
Kansas, 1995-1999

County of Residence	Year										5-Year Rate	
	1995		1996		1997		1998		1999			
	Number	Rate										
Kansas.....	37,087	14.5	36,524	14.2	37,191	14.3	38,372	14.6	38,748	14.6	14.4	
Allen.....	178	12.1	180	12.3	186	12.9	153	10.5	187	13.0	12.2	
Anderson.....	90	11.3	92	11.4	79	9.8	115	14.3	104	12.8	11.9	
Atchison.....	220	13.5	205	12.6	208	12.7	227	13.4	193	11.4	12.7	
Barber.....	59	10.5	47	8.6	53	9.8	51	9.5	54	10.3	9.7	
Barton.....	378	13.2	347	12.4	375	13.4	382	13.8	382	13.3	13.2	
Bourbon.....	173	11.5	219	14.4	187	12.3	188	12.3	190	12.7	12.6	
Brown.....	131	11.8	141	12.9	130	11.8	137	12.4	125	11.4	12.1	
Butler.....	708	12.3	752	12.7	741	12.3	790	12.8	758	12.1	12.4	
Chase.....	62	21.5	35	12.1	56	19.4	54	18.3	42	14.7	17.2	
Chautauqua.....	31	7.0	29	6.6	25	5.7	41	9.4	33	7.7	7.3	
Cherokee.....	321	14.3	282	12.5	313	13.9	276	12.2	290	12.9	13.2	
Cheyenne.....	26	8.0	28	8.7	31	9.7	32	10.1	22	6.8	8.7	
Clark.....	20	8.4	25	10.5	24	9.8	22	9.3	30	12.8	10.2	
Clay.....	88	9.4	83	8.9	83	9.0	104	11.4	92	10.3	9.8	
Cloud.....	115	11.0	93	9.1	96	9.4	108	10.8	105	10.5	10.2	
Coffey.....	107	12.3	106	12.1	105	12.0	88	10.1	99	11.3	11.6	
Comanche.....	20	9.5	20	9.7	18	8.9	26	12.9	16	8.2	9.8	
Cowley.....	448	12.1	428	11.6	466	12.7	418	11.5	508	13.7	12.3	
Crawford.....	465	12.7	494	13.6	493	13.7	554	15.2	531	14.6	14.0	
Decatur.....	39	11.0	32	9.1	30	8.5	31	9.0	23	6.8	8.9	
Dickinson.....	242	12.2	230	11.6	207	10.5	209	10.6	225	11.5	11.3	
Doniphan.....	76	10.0	90	11.6	101	13.2	116	14.8	95	11.9	12.3	
Douglas.....	1,077	12.2	1,060	11.8	1,022	11.2	1,167	12.5	1,201	12.2	12.0	
Edwards.....	39	10.9	34	9.8	29	8.5	50	15.1	37	11.3	11.1	
Elk.....	23	6.9	22	6.5	31	9.2	29	8.7	22	6.5	7.6	
Ellis.....	352	13.5	302	11.5	335	12.7	311	11.8	357	13.6	12.6	
Ellsworth.....	49	7.6	56	8.8	41	6.5	60	9.5	67	10.8	8.6	
Finney.....	822	23.5	894	25.2	914	25.5	914	25.0	887	23.7	24.6	
Ford.....	587	20.3	579	19.8	625	21.4	656	22.3	669	22.6	21.3	
Franklin.....	286	12.3	331	14.0	341	14.3	356	14.4	371	14.8	14.0	
Geary.....	816	27.5	585	22.2	636	25.1	635	25.0	590	23.7	24.7	
Gove.....	46	14.9	29	9.4	32	10.4	37	12.1	31	10.2	11.4	
Graham.....	29	8.7	31	9.5	16	4.9	26	8.1	27	8.7	8.0	
Grant.....	148	18.9	147	19.1	147	18.6	165	20.6	160	20.3	19.5	
Gray.....	92	17.1	86	15.6	80	14.6	110	19.7	85	15.2	16.4	
Greeley.....	11	6.0	23	13.1	17	9.8	23	13.5	17	10.3	10.5	
Greenwood.....	78	9.7	78	9.6	79	9.8	83	10.2	78	9.8	9.8	
Hamilton.....	26	11.1	27	11.8	29	12.7	38	16.2	47	19.8	14.3	
Harper.....	75	11.3	56	8.6	63	9.7	69	10.7	70	11.1	10.3	
Harvey.....	447	14.4	347	11.1	412	13.0	409	11.9	458	13.4	12.8	
Haskell.....	75	18.6	76	19.4	80	20.0	75	18.9	82	20.3	19.4	
Hodgeman.....	18	7.9	22	9.9	16	7.2	16	7.2	27	12.1	8.9	
Jackson.....	157	13.3	172	14.4	156	13.0	157	12.9	150	12.3	13.2	
Jefferson.....	209	12.2	208	11.9	202	11.3	218	11.9	229	12.6	12.0	
Jewell.....	47	11.9	29	7.2	29	7.3	31	8.0	34	9.0	8.7	
Johnson.....	6,060	15.1	5,999	14.7	6,215	14.9	6,415	14.9	6,626	15.1	14.9	
Kearny.....	60	14.3	67	15.9	77	18.3	63	15.1	93	22.5	17.2	
Kingman.....	104	12.1	91	10.6	94	11.0	89	10.4	97	11.2	11.1	
Kiowa.....	38	10.5	42	11.8	36	10.5	40	11.5	39	11.6	11.2	
Labette.....	291	12.7	260	11.4	286	12.5	276	12.0	284	12.4	12.2	
Lane.....	29	12.7	23	10.4	20	9.1	28	12.4	20	9.2	10.8	
Leavenworth.....	823	11.9	829	11.9	868	12.4	842	11.8	868	12.1	12.0	
Lincoln.....	32	9.3	30	8.9	30	9.0	25	7.5	36	10.8	9.1	
Linn.....	95	10.9	91	10.1	96	10.6	100	10.9	111	11.9	10.9	
Logan.....	30	9.4	35	11.2	30	9.9	31	10.4	45	15.3	11.2	

Table 5
Live Births By Number And Rate*
By County Of Residence
Kansas, 1995-1999

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County of Residence	Year										5-Year Rate	
	1995		1996		1997		1998		1999			
	Number	Rate										
Lyon.....	496	14.3	507	14.7	515	15.1	463	13.6	531	15.7	14.7	
Marion.....	134	10.3	142	11.0	130	10.1	151	11.1	147	10.9	10.7	
Marshall.....	107	9.5	100	8.9	97	8.7	119	10.8	111	10.2	9.6	
McPherson.....	332	12.2	314	11.4	349	12.6	372	13.0	334	11.6	12.2	
Meade.....	61	14.0	65	14.7	66	15.0	64	14.5	66	15.0	14.6	
Miami.....	345	13.7	336	13.0	298	11.4	366	13.8	384	14.2	13.2	
Mitchell.....	73	10.3	69	9.7	77	11.0	64	9.2	62	8.9	9.8	
Montgomery.....	468	12.4	415	11.1	427	11.5	460	12.4	462	12.6	12.0	
Morris.....	77	12.2	76	12.0	69	11.1	69	11.2	59	9.6	11.2	
Morton.....	63	19.1	55	16.6	57	16.9	45	13.1	57	16.3	16.4	
Nemaha.....	128	12.3	139	13.4	145	14.1	169	16.7	154	15.1	14.3	
Neosho.....	200	11.8	192	11.4	206	12.2	197	11.8	171	10.3	11.5	
Ness.....	37	9.9	38	10.4	31	8.5	39	10.8	29	8.1	9.5	
Norton.....	66	11.5	54	9.4	53	9.1	50	8.7	43	7.6	9.3	
Osage.....	197	11.8	213	12.7	201	11.8	192	11.2	191	11.1	11.7	
Osborne.....	48	10.2	42	9.1	40	8.9	36	7.6	43	9.4	9.0	
Ottawa.....	73	12.7	69	11.9	63	10.8	61	10.3	71	12.1	11.6	
Pawnee.....	76	10.0	76	10.2	66	9.1	75	10.1	83	11.5	10.2	
Phillips.....	69	11.0	63	10.2	55	9.1	56	9.2	59	9.9	9.9	
Pottawatomie.....	293	16.7	281	15.7	254	14.0	266	14.2	255	13.5	14.8	
Pratt.....	111	11.4	107	11.0	119	12.3	109	11.2	105	11.0	11.4	
Rawlins.....	21	6.5	27	8.3	30	9.3	29	9.3	19	6.3	7.9	
Reno.....	754	11.9	836	13.3	816	13.0	838	13.3	820	12.9	12.9	
Republic.....	59	9.5	50	8.0	48	7.8	68	11.1	44	7.4	8.8	
Rice.....	136	13.5	121	12.0	114	11.4	129	12.5	116	11.3	12.1	
Riley.....	1,068	15.3	1,035	16.0	863	13.7	904	14.2	959	15.1	14.9	
Rooks.....	61	10.4	58	9.9	68	11.9	60	10.6	64	11.4	10.8	
Rush.....	34	9.6	32	9.0	30	8.7	30	8.8	37	11.0	9.4	
Russell.....	83	10.8	71	9.3	66	8.7	89	11.8	62	8.3	9.8	
Saline.....	769	14.8	710	13.7	695	13.5	813	15.8	705	13.7	14.3	
Scott.....	70	13.8	68	13.5	68	13.6	55	11.0	77	15.6	13.5	
Sedgwick.....	7,022	16.7	6,949	16.4	7,209	16.4	7,468	16.7	7,548	16.7	16.6	
Seward.....	469	24.2	481	24.0	420	20.8	486	24.3	521	25.9	23.8	
Shawnee.....	2,276	13.8	2,342	14.2	2,366	14.3	2,389	14.4	2,362	13.8	14.1	
Sheridan.....	19	6.7	22	8.0	23	8.4	21	7.7	27	10.1	8.2	
Sherman.....	67	10.0	79	11.7	93	14.1	100	15.4	99	15.2	13.3	
Smith.....	46	9.6	41	8.6	35	7.5	38	8.3	24	5.2	7.8	
Stafford.....	33	6.4	47	9.2	55	10.8	71	14.2	64	12.8	10.7	
Stanton.....	43	18.4	38	16.5	46	19.7	38	16.8	39	17.5	17.8	
Stevens.....	89	16.9	82	15.3	97	17.9	80	14.9	89	16.5	16.3	
Sumner.....	309	11.7	334	12.4	328	12.2	341	12.6	325	12.0	12.2	
Thomas.....	115	13.8	127	15.3	113	13.8	105	13.1	95	11.9	13.6	
Trego.....	30	8.7	29	8.4	33	9.9	29	8.8	31	9.5	9.1	
Wabaunsee.....	75	11.4	75	11.3	70	10.4	68	10.2	88	13.4	11.3	
Wallace.....	18	10.0	20	11.0	26	14.4	24	13.3	19	10.5	11.8	
Washington.....	69	10.1	81	12.0	71	10.8	68	10.5	73	11.3	10.9	
Wichita.....	41	14.4	39	14.3	42	15.5	39	14.8	43	16.7	15.1	
Wilson.....	122	11.8	105	10.1	116	11.3	132	12.9	130	12.6	11.7	
Woodson.....	47	11.8	38	9.5	29	7.3	42	10.5	35	8.9	9.6	
Wyandotte.....	2,620	17.0	2,615	17.0	2,812	18.4	2,729	17.9	2,797	18.5	17.8	

*Rate per 1,000 population

Table 6
Live Births By Number And Rate*
By City Of Residence
Kansas, 1995-1999

City of Residence	Year										5-Year Rate	
	1995		1996		1997		1998		1999			
	Number	Rate										
Abilene.....	98	14.8	80	12.3	87	13.4	94	14.5	90	13.8	13.8	
Andover.....	99	21.5	81	17.2	94	19.6	113	22.6	91	18.2	19.8	
Anthony.....	42	18.3	26	11.3	30	13.0	36	15.7	35	15.9	14.8	
Arkansas City.....	170	13.3	176	13.8	187	14.7	175	13.9	183	14.3	14.0	
Atchison.....	148	14.5	136	13.3	141	13.7	163	15.4	136	12.8	13.9	
Augusta.....	108	12.0	132	14.3	121	12.9	154	16.0	130	13.3	13.7	
Baldwin City.....	39	12.2	37	11.2	37	11.2	35	10.3	35	9.7	10.9	
Baxter Springs.....	83	18.0	64	13.9	61	13.3	52	11.3	77	16.7	14.6	
Belleview.....	25	10.4	16	6.7	15	6.3	34	14.2	17	7.4	9.0	
Beloit.....	40	10.0	47	11.8	51	12.8	38	9.7	36	9.2	10.7	
Bonner Springs.....	101	16.6	94	15.4	97	16.2	107	17.8	107	17.8	16.8	
Burlington.....	33	11.8	30	10.7	40	14.3	23	8.2	36	12.9	11.6	
Chanute.....	134	14.1	122	13.0	120	12.8	122	13.1	105	11.3	12.9	
Cherryvale.....	27	11.3	31	12.9	32	13.3	25	10.4	27	11.7	11.9	
Clay Center.....	43	9.1	50	10.6	37	8.0	57	12.4	46	10.2	10.1	
Coffeyville.....	168	13.4	137	11.0	136	11.0	148	12.0	150	12.3	11.9	
Colby.....	84	15.6	92	17.0	75	14.2	73	13.8	73	14.0	14.9	
Columbus.....	44	12.9	57	16.8	57	16.8	57	16.8	49	14.4	15.5	
Concordia.....	70	11.9	67	11.8	73	12.8	66	11.8	61	10.9	11.8	
Derby.....	227	14.8	236	15.3	226	14.1	241	14.8	224	13.7	14.5	
Dodge City.....	521	23.5	524	23.3	565	25.1	600	26.5	607	26.6	25.0	
Edwardsville.....	43	11.3	50	13.2	60	16.2	50	13.5	65	17.6	14.4	
El Dorado.....	179	13.7	193	14.3	182	13.3	186	13.2	196	13.7	13.6	
Ellinwood.....	28	12.2	27	12.3	26	11.8	15	6.8	27	11.7	11.0	
Emporia.....	397	15.6	414	16.4	416	16.6	377	15.1	453	18.3	16.4	
Eudora.....	54	16.9	51	15.5	65	19.7	77	22.6	77	21.4	19.2	
Eureka.....	30	10.0	39	12.6	34	11.3	40	12.9	33	11.0	11.6	
Fairway.....	59	12.6	55	11.5	56	11.4	68	13.6	63	12.1	12.2	
Fort Scott.....	114	13.6	133	15.6	122	14.4	133	15.6	117	13.9	14.6	
Fredonia.....	41	15.8	29	11.2	30	11.5	33	12.7	41	15.8	13.4	
Frontenac.....	31	11.5	26	10.0	35	13.5	34	13.1	36	13.8	12.4	
Galena.....	54	15.4	42	12.0	55	15.7	43	12.3	42	12.0	13.5	
Garden City.....	658	25.9	699	27.0	697	26.6	726	27.3	723	26.5	26.7	
Garnett.....	37	11.2	37	11.2	33	10.0	53	16.1	50	15.2	12.7	
Girard.....	40	13.8	40	13.8	37	13.2	28	9.7	36	12.4	12.6	
Goodland.....	51	10.6	59	12.3	79	16.8	86	18.3	78	16.6	14.9	
Great Bend.....	245	16.3	212	14.3	251	17.1	264	18.2	247	16.5	16.5	
Hays.....	250	14.0	221	12.3	254	14.1	224	12.4	278	15.4	13.6	
Haysville.....	109	12.5	88	10.0	91	10.0	117	12.6	109	11.6	11.3	
Herington.....	31	11.1	34	12.1	33	11.8	33	11.8	29	10.4	11.4	
Hesston.....	32	10.7	20	6.7	44	14.2	39	11.8	42	12.7	11.2	
Hiawatha.....	54	15.0	43	11.9	44	12.2	44	12.2	47	13.4	12.9	
Hillsboro.....	35	13.0	30	11.1	37	13.7	31	10.7	29	10.4	11.8	
Hoisington.....	30	9.7	36	12.0	26	8.7	38	12.7	47	15.2	11.7	
Holton.....	43	13.0	40	12.1	42	12.7	52	15.3	30	8.8	12.4	
Hugoton.....	71	21.5	62	18.2	68	20.0	56	16.5	64	18.8	19.0	
Hutchinson.....	538	13.5	585	14.8	594	15.0	578	14.5	584	14.6	14.5	
Independence.....	143	14.7	148	15.4	132	13.9	167	17.6	156	16.6	15.6	
Iola.....	87	13.6	86	13.4	95	15.1	84	13.3	95	15.1	14.1	
Junction City.....	650	32.3	472	26.5	478	28.0	474	27.6	452	26.7	28.2	
Kansas City.....	2,464	17.3	2,462	17.4	2,635	18.7	2,554	18.1	2,611	18.7	18.0	

Table 6
 Live Births By Number And Rate*
 By City Of Residence
 Kansas, 1995-1999

City of Residence	Year										5-Year Rate	
	1995		1996		1997		1998		1999			
	Number	Rate										
Kingman.....	51	15.5	42	12.7	48	14.5	45	13.6	65	19.7	15.2	
Lansing.....	64	8.3	76	9.9	76	9.7	79	10.0	70	8.9	9.4	
Larned.....	53	11.8	49	11.1	48	11.2	53	12.0	59	13.7	12.0	
Lawrence.....	883	12.5	874	12.1	845	11.6	974	13.0	987	12.5	12.3	
Leavenworth.....	552	13.3	539	12.9	585	13.9	550	12.9	536	12.5	13.1	
Leawood.....	242	10.9	263	11.6	265	11.5	271	11.4	274	11.2	11.3	
Lenexa.....	530	13.8	522	13.4	525	13.1	471	11.4	521	12.3	12.8	
Liberal.....	435	25.4	443	25.0	386	21.7	459	25.9	468	26.3	24.9	
Lindsborg.....	29	9.4	29	9.4	27	8.7	40	12.5	38	11.5	10.3	
Lyons.....	53	15.1	47	13.4	38	10.9	51	14.2	54	15.0	13.7	
Manhattan.....	628	15.9	540	14.4	469	12.7	482	12.9	562	15.0	14.2	
Marysville.....	36	10.6	34	10.6	28	8.8	40	12.5	44	14.2	11.3	
McPherson.....	154	12.4	155	12.4	168	14.9	204	15.7	174	13.3	13.7	
Medicine Lodge.....	23	10.0	21	9.1	23	10.0	28	12.7	21	9.5	10.3	
Merriam.....	186	13.9	154	11.3	140	10.1	132	9.2	144	9.8	10.9	
Mission.....	118	11.0	109	10.0	107	9.6	115	10.0	105	8.9	9.9	
Mission Hills.....	20	5.1	27	6.8	30	7.3	20	4.8	24	5.6	5.9	
Mulvane.....	88	18.0	60	12.2	70	13.7	42	8.1	57	11.0	12.6	
Neodesha.....	34	12.1	41	14.1	46	16.4	46	16.4	46	15.9	15.0	
Newton.....	281	16.7	222	13.2	249	14.6	249	13.5	262	14.2	14.4	
Norton.....	43	14.8	29	10.0	30	10.0	29	10.0	24	8.3	10.6	
Olathe.....	1,494	20.9	1,476	20.2	1,589	21.3	1,653	21.6	1,781	22.7	21.3	
Osage City.....	35	11.7	37	12.8	52	17.3	40	13.3	45	15.0	14.0	
Osawatomie.....	66	13.5	78	15.3	56	11.0	94	18.1	91	17.2	15.0	
Ottawa.....	172	15.4	174	15.3	204	17.7	194	16.2	212	17.4	16.4	
Overland Park.....	1,868	14.8	1,871	14.5	1,886	14.4	1,926	14.2	1,998	14.4	14.5	
Paola.....	90	18.0	93	17.9	71	13.7	100	18.9	96	17.8	17.3	
Parsons.....	168	14.6	166	14.4	178	15.5	167	14.4	170	14.8	14.7	
Phillipsburg.....	30	11.1	31	11.5	27	10.4	22	8.5	27	10.4	10.4	
Pittsburg.....	251	13.8	281	15.4	289	16.1	336	18.5	331	18.2	16.4	
Plainville.....	28	13.3	23	11.0	21	10.0	26	13.0	23	11.5	11.8	
Prairie Village.....	323	12.3	316	11.8	294	10.8	295	10.5	292	10.2	11.1	
Pratt.....	83	12.4	85	12.7	88	13.1	85	12.7	68	10.3	12.2	
Roeland Park.....	114	13.1	126	14.2	104	11.4	101	10.9	88	9.2	11.8	
Russell.....	50	10.6	52	11.1	43	9.1	58	12.6	41	8.8	10.5	
Salina.....	689	15.5	631	14.2	625	14.1	724	16.3	638	14.5	14.9	
Scott City.....	38	10.6	43	11.9	53	14.7	43	11.9	52	14.9	12.8	
Shawnee.....	634	14.8	594	13.6	684	15.3	754	16.4	728	15.5	15.1	
Topeka.....	1,878	15.3	1,970	16.0	1,977	16.1	2,001	16.3	1,974	15.5	15.8	
Ulysses.....	117	19.5	128	21.7	127	21.2	133	21.8	119	19.8	20.8	
Valley Center.....	64	16.8	67	17.6	64	16.4	75	18.8	86	21.0	18.1	
Wamego.....	80	20.0	66	16.1	62	14.8	71	16.5	61	13.9	16.3	
Wellington.....	117	13.6	122	13.9	129	14.7	152	17.3	138	15.7	15.0	
Wichita.....	5,861	18.6	5,906	18.6	6,206	18.8	6,435	19.1	6,526	19.2	18.9	
Winfield.....	147	12.3	158	13.2	150	12.6	142	12.1	187	15.7	13.2	

*Rate per 1,000 population

Table 7
Birth And Fertility Rates
Kansas And The United States, 1959-1999

Year	Birth Rates*		Fertility Rates**	
	Kansas	U.S.	Kansas	U.S.
1959	24.8	24.2	128.7	118.8
1960	23.8	23.7	124.8	118.0
1961	23.3	23.3	123.2	117.1
1962	22.5	22.4	118.5	112.0
1963	21.2	21.7	111.4	108.3
1964	19.9	21.1	104.0	104.7
1965	17.8	19.4	93.3	96.3
1966	16.3	18.4	84.9	90.8
1967	15.6	17.8	80.8	87.2
1968	15.7	17.6	80.8	85.2
1969	16.3	17.9	82.9	86.1
1970	17.0	18.4	84.5	87.9
1971	16.0	17.2	78.9	81.6
1972	14.6	15.6	70.7	73.1
1973	14.1	14.8	66.8	68.8
1974	14.4	14.8	67.4	67.8
1975	14.8	14.6	68.4	66.0
1976	15.3	14.6	69.8	65.0
1977	15.9	15.1	71.5	66.8
1978	15.6	15.0	69.8	65.5
1979	16.5	15.6	73.9	67.2
1980	17.2	15.9	76.8	68.4
1981	17.3	15.8	76.6	67.3
1982	16.9	15.9	74.9	67.3
1983	16.6	15.6	73.4	65.7
1984	16.4	15.6	72.0	65.5
1985	16.1	15.8	70.8	66.3
1986	15.9	15.6	69.7	65.4
1987	15.5	15.7	68.0	65.8
1988	15.5	16.0	68.2	67.3
1989	15.4	16.4	68.0	69.2
1990	15.7	16.7	70.1	70.9
1991	15.1	16.3	67.6	69.6
1992	15.0	15.9	67.6	68.9
1993	14.7	15.5	66.9	67.6
1994	14.6	15.2	66.5	66.7
1995	14.5	14.8	65.9	65.6
1996	14.2	14.7	64.8	65.3
1997	14.3	14.5	65.6	65.0
1998	14.6	14.6	67.0	65.6
1999	14.6	14.5 ***	67.4	65.8 ***

*Rate per 1,000 population

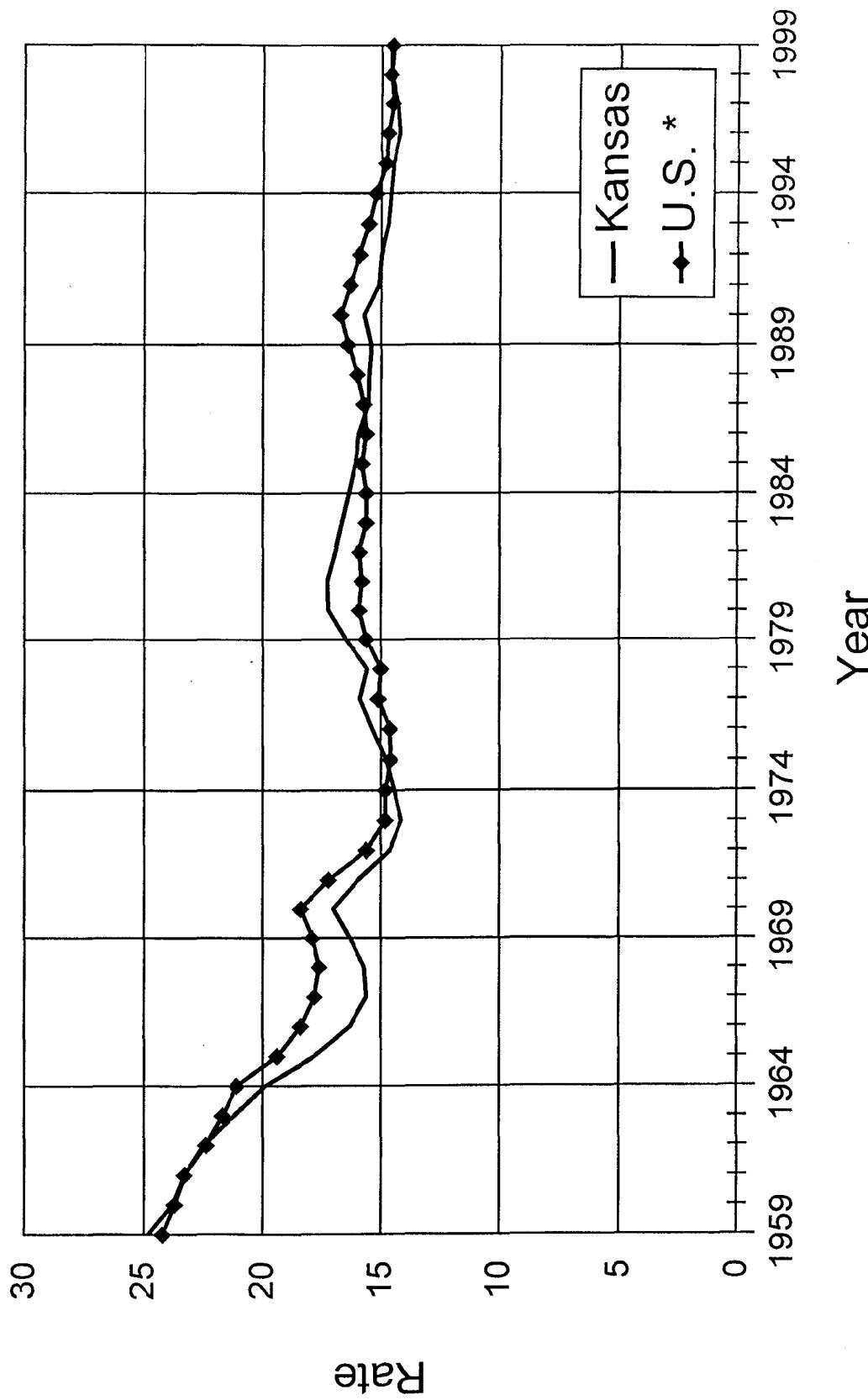
**Rate per 1,000 female 15-44 population

***Provisional

Residence data

Birth Rates

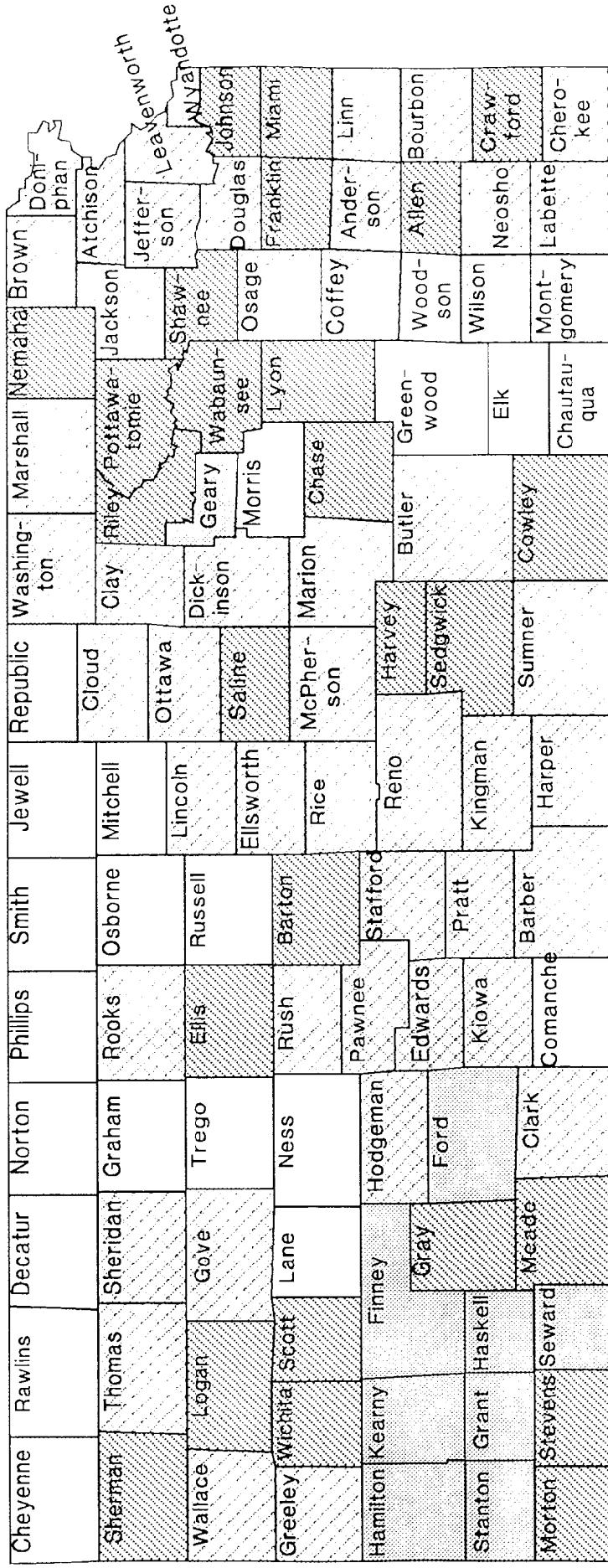
Kansas and the U.S., 1959-1999



* 1999 Rate Provisional
1959 Births Adjusted for Under-Registration
Residence Data

Figure 10

Live Birth Rates By County Of Residence Kansas, 1999



Live Births Per 1,000 Population

State Rate: 14.6

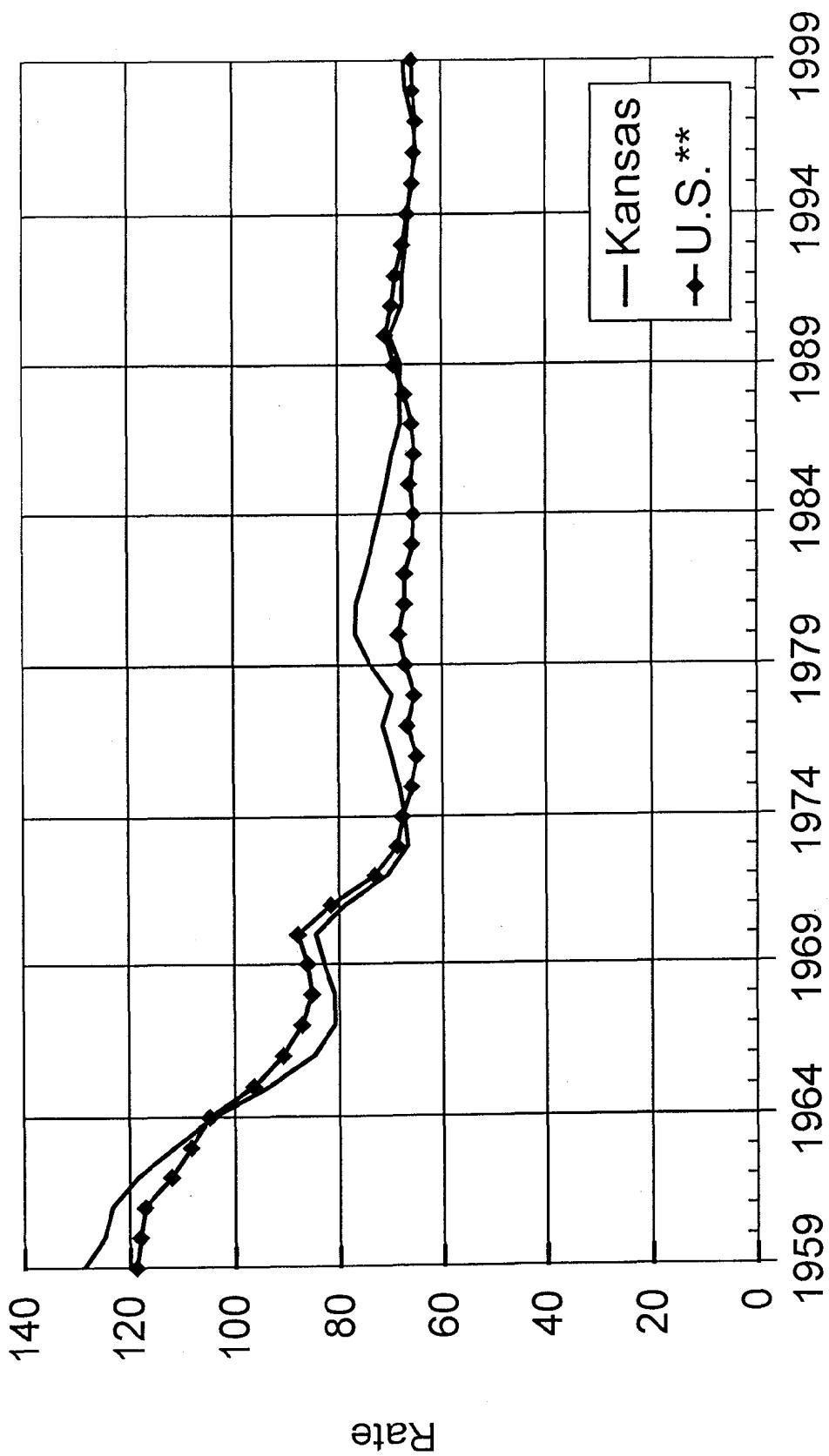
Legend

- Under 10.0
- 10.0 to 12.9
- 13.0 to 16.9
- 17.0 and over

Figure 11

Fertility Rates*

Kansas and the U.S., 1959-1999



*Rate per 1,000 Female
15-44 Population
** 1999 Rate Provisional
Residence Data

Figure 12

Age-Specific Fertility Rates *

Kansas, 1995-1999

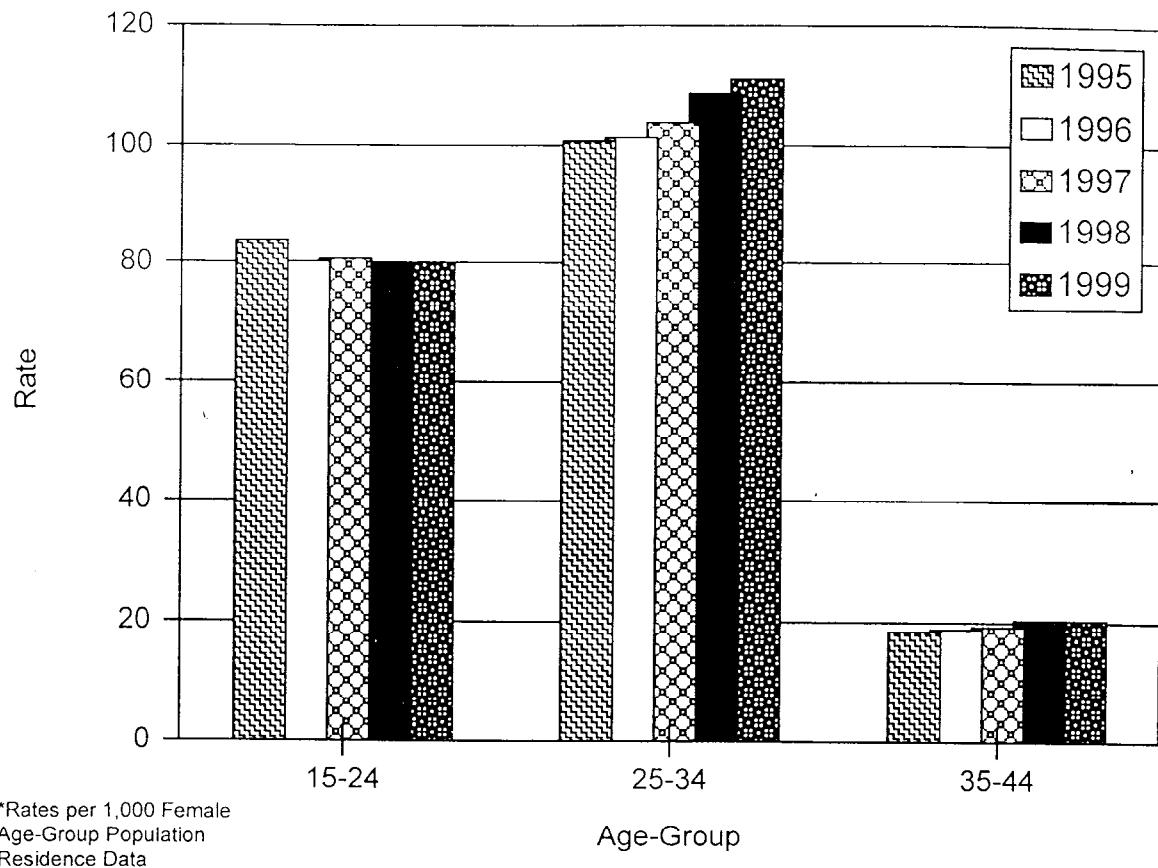


Figure 13

Table 8
Age-Specific Fertility Rates*
By Age-Group Of Mother
Kansas, 1989-1999

Age-Group	Year											Percent Change 1989-1999
	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
15-24.....	88.2	90.9	89.0	88.9	87.8	85.3	83.8	80.1	80.6	79.5	80.0	-9.3
25-34.....	95.0	99.1	96.8	98.2	97.5	99.8	100.8	101.3	103.8	108.8	111.2	17.1
35-44.....	15.5	16.4	16.4	16.8	17.4	18.5	18.5	18.9	19.3	20.4	20.4	31.6

*Rate per 1,000 female age-group population

Table 9
Live Births By Age-Group Of Mother By Age-Group Of Father
Kansas, 1999

Age-Group of Father	Total	Age-Group of Mother								N.S.
		Under 18	10-14	15-19	20-24	25-29	30-34	35-39	40-44	
Total.....	38,748	1,542	50	4,906	10,534	11,002	7,909	3,617	690	37
Under 18.....	345	213	10	309	26	-	-	-	-	-
10-14.....	3	3	2	1	-	-	-	-	-	-
15-19.....	1,664	578	14	1,282	349	18	-	1	-	-
20-24.....	6,992	355	2	1,868	4,229	765	108	13	7	-
25-29.....	9,888	52	1	354	3,234	5,169	971	139	20	-
30-34.....	8,727	4	-	72	842	3,297	3,846	625	42	2
35-39.....	5,047	6	-	27	248	819	2,087	1,698	162	6
40-44.....	1,745	2	-	8	52	203	439	738	293	12
45 & OVER.....	646	-	-	2	27	66	160	243	132	16
N.S.....	4,036	542	31	1,292	1,553	665	298	160	34	1
										2

Residence data

Table 10
Live Births By Age-Group Of Mother
By County Of Residence
Kansas, 1999

County of Residence	Total	Age-Group of Mother								
		10-14	15-19	20-24	25-29	30-34	35-39	40-44	45 & Over	N.S.
Kansas.....	38,748	50	4,906	10,534	11,002	7,909	3,617	690	37	3
Allen.....	187	-	52	56	43	27	8	1	-	-
Anderson.....	104	-	17	24	30	16	12	5	-	-
Atchison.....	193	1	33	62	58	31	5	3	-	-
Barber.....	54	-	10	13	17	12	2	-	-	-
Barton.....	382	-	49	127	99	74	30	3	-	-
Bourbon.....	190	2	37	57	56	26	11	1	-	-
Brown.....	125	-	23	35	39	18	5	5	-	-
Butler.....	758	2	98	182	222	164	74	15	1	-
Chase.....	42	-	5	14	12	10	-	1	-	-
Chautauqua.....	33	-	11	8	8	2	4	-	-	-
Cherokee.....	290	-	46	97	89	45	11	2	-	-
Cheyenne.....	22	-	1	8	6	5	2	-	-	-
Clark.....	30	-	2	8	11	5	3	1	-	-
Clay.....	92	-	15	26	27	11	12	-	1	-
Cloud.....	105	-	12	29	35	20	8	1	-	-
Coffey.....	99	-	13	33	28	13	11	1	-	-
Comanche.....	16	-	1	4	4	7	-	-	-	-
Cowley.....	508	-	95	167	139	68	35	4	-	-
Crawford.....	531	-	80	182	129	97	38	5	-	-
Decatur.....	23	-	-	7	11	3	1	-	1	-
Dickinson.....	225	1	30	66	66	39	17	6	-	-
Doniphan.....	95	-	15	31	28	14	7	-	-	-
Douglas.....	1,201	-	101	288	362	297	120	31	2	-
Edwards.....	37	-	5	6	14	10	1	1	-	-
Elk.....	22	-	1	9	9	1	2	-	-	-
Ellis.....	357	-	31	127	110	60	26	3	-	-
Ellsworth.....	67	-	6	19	24	11	6	1	-	-
Finney.....	887	2	152	251	250	149	68	15	-	-
Ford.....	669	-	123	219	170	117	33	6	1	-
Franklin.....	371	-	49	108	115	66	24	8	-	1
Geary.....	590	1	90	283	134	51	20	8	2	1
Gove.....	31	-	1	6	12	6	5	1	-	-
Graham.....	27	-	3	8	12	2	2	-	-	-
Grant.....	160	-	32	48	51	22	7	-	-	-
Gray.....	85	-	6	19	30	19	8	3	-	-
Greeley.....	17	-	4	4	4	5	-	-	-	-
Greenwood.....	78	1	15	25	20	11	3	3	-	-
Hamilton.....	47	-	5	9	16	10	6	1	-	-
Harper.....	70	-	10	25	18	9	7	-	1	-
Harvey.....	458	-	66	122	131	84	46	9	-	-
Haskell.....	82	-	13	28	24	10	7	-	-	-
Hodgeman.....	27	-	4	6	7	6	4	-	-	-
Jackson.....	150	-	10	36	51	41	10	2	-	-
Jefferson.....	229	-	27	49	58	73	21	1	-	-
Jewell.....	34	-	-	9	14	6	3	2	-	-
Johnson.....	6,626	3	296	904	1,996	2,191	1,038	190	8	-
Kearny.....	93	-	14	36	20	15	6	2	-	-
Kingman.....	97	1	10	30	24	18	13	1	-	-
Kiowa.....	39	-	2	17	13	7	-	-	-	-
Labette.....	284	-	58	97	73	38	14	3	1	-
Lane.....	20	-	1	3	7	4	4	1	-	-
Leavenworth.....	868	1	100	222	241	184	105	15	-	-
Lincoln.....	36	-	2	7	13	7	7	-	-	-
Linn.....	111	-	18	45	23	14	10	1	-	-
Logan.....	45	-	4	18	8	5	9	-	1	-

Table 10
Live Births By Age-Group Of Mother
By County Of Residence
Kansas, 1999

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County of Residence	Total	Age-Group of Mother								
		10-14	15-19	20-24	25-29	30-34	35-39	40-44	45 & Over	N.S.
Lyon.....	531	1	71	175	136	110	34	4	-	-
Marion.....	147	-	15	36	47	31	17	1	-	-
Marshall.....	111	-	13	32	32	25	8	1	-	-
McPherson.....	334	-	37	87	106	68	28	7	1	-
Meade.....	66	-	7	22	18	16	3	-	-	-
Miami.....	384	1	46	103	105	83	36	10	-	-
Mitchell.....	62	-	4	19	13	17	6	3	-	-
Montgomery.....	462	-	88	151	135	59	24	4	1	-
Morris.....	59	-	10	16	21	8	4	-	-	-
Morton.....	57	-	14	19	11	7	4	2	-	-
Nemaha.....	154	-	8	47	48	33	13	4	1	-
Neosho.....	171	-	30	68	42	18	11	2	-	-
Ness.....	29	-	1	12	10	4	1	1	-	-
Norton.....	43	-	4	12	16	7	4	-	-	-
Osage.....	191	-	25	64	56	35	11	-	-	-
Osborne.....	43	-	3	9	20	5	6	-	-	-
Ottawa.....	71	-	12	18	17	11	7	6	-	-
Pawnee.....	83	-	17	19	25	15	6	1	-	-
Phillips.....	59	-	7	11	22	11	7	1	-	-
Pottawatomie.....	255	1	17	61	66	67	31	10	2	-
Pratt.....	105	-	13	23	32	19	17	1	-	-
Rawlins.....	19	-	1	5	6	5	2	-	-	-
Reno.....	820	1	120	262	212	138	75	12	-	-
Republic.....	44	-	4	11	18	8	3	-	-	-
Rice.....	116	-	14	31	40	17	11	3	-	-
Riley.....	959	-	82	327	295	183	61	11	-	-
Rooks.....	64	-	10	23	14	6	9	2	-	-
Rush.....	37	-	4	8	13	10	2	-	-	-
Russell.....	62	-	8	24	13	12	5	-	-	-
Saline.....	705	1	125	198	208	121	43	8	1	-
Scott.....	77	-	9	28	22	10	5	3	-	-
Sedgwick.....	7,548	17	1,022	2,174	2,143	1,383	665	135	8	1
Seward.....	521	1	102	195	127	57	37	2	-	-
Shawnee.....	2,362	3	306	654	659	468	228	43	1	-
Sheridan.....	27	-	1	9	8	7	1	1	-	-
Sherman.....	99	-	13	27	29	21	5	3	1	-
Smith.....	24	-	4	9	6	2	3	-	-	-
Stafford.....	64	-	6	15	20	14	7	2	-	-
Stanton.....	39	-	9	10	12	5	2	1	-	-
Stevens.....	89	-	23	24	21	12	8	1	-	-
Sumner.....	325	-	51	100	85	58	28	3	-	-
Thomas.....	95	-	13	34	21	12	12	3	-	-
Trego.....	31	-	3	8	8	8	1	1	2	-
Wabaunsee.....	88	-	11	23	24	16	13	1	-	-
Wallace.....	19	-	2	4	7	3	2	1	-	-
Washington.....	73	-	3	21	20	20	8	1	-	-
Wichita.....	43	1	5	13	12	10	-	2	-	-
Wilson.....	130	-	23	41	37	19	9	1	-	-
Woodson.....	35	-	6	11	12	3	3	-	-	-
Wyandotte.....	2,797	8	580	922	721	376	160	30	-	-